

Title (en)
METHOD FOR REDUCING RADIANT HEAT LOSSES THROUGH COKE OVEN CHAMBER DOORS AND WALLS BY ADAPTING THE HEIGHT OR DENSITY OF THE COAL CAKE

Title (de)
VERFAHREN ZUR VERRINGERUNG VON WÄRMEABSTRAHLUNGSVERLUSTEN DURCH KOKSOFFENKAMMERTÜREN UND -WÄNDE DURCH ANPASSUNG DER HÖHE ODER DICHTHEIT DES KOHLEKUCHENS

Title (fr)
PROCÉDÉ DE RÉDUCTION DES PERTES DE CHALEUR PAR RAYONNEMENT PAR LES PORTES ET LES PAROIS DES CHAMBRES DES FOURS À COKE, PAR ADAPTATION DE LA HAUTEUR OU DE LA DENSITÉ DU PAIN DE CHARBON

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Abstract (en)
[origin: WO2010112128A1] The invention relates to a method for reducing the coking time in oven areas near the door or end walls, and for improving the coke quality and emission situation due to compensation for radiant losses through coke oven doors and end walls, wherein said compensation is performed by modifying the height of the coal cake in the vicinity of the front coke oven chamber doors, which can be done both by increasing or reducing the coal cake height over part of the length or the entire length of the coke oven chamber door. The reduction in the height of the coal cake can be achieved by leaving out coal or compacted coal, and the increase in height by heaping up coal and pressing, or adding compacted coal, wherein the pressing is also avoided, so that a recess having reduced coal cake density and reduced radiant heat is obtained.

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